BRUHAT BANGALORE MAHANAGARA PALIKE

Office of the Executive Engineer, Rajarajeshwari Nagara Division, RR Nagara Zone, B.B.M.P., Bangalore.

Tender Notification No. RRND/EE/Ten/08/2015-16, Date: 06.10.2015

E-procurement No: BBMP/2015-16/BD/WORK_INDENT17928

NEGOTIATED SCHEDULE -B

Name of Work : Construction of Gym building and Library building at Jalahalli in ward no 16

Sl. No	Qty	Description of work	Unit	Negotiated Rates Quoted by the Contractor (M MANJUNATH)	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	132.83	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	190.00	Rupees One Hundred Ninety Only
2	26.46	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications(P.No-12 ,I No-4.2)	Cum	5800.00	Rupees Five Thousand Eight Hundred Only
3	31.88	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P-23, I.No-5.6)	Cum	4464.00	Rupees Four Thousand Four Hundred Sixty Four Only

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4	67.67	KSRB 4.2.2 : Providing and laying in position reinforced cement cum concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with 'super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (P.No-13 ,I No-4.11)	Cum	6691.00	Rupees Six Thousand Six Hundred Ninety One Only
5	87.42	KSRB 4-6.1 : Providing and removing centering, shuttering,strutting, propping etc., and removal of form work for foundations,footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2 (P-15, I.No-4.28)	Sqm	255.00	Rupees Two Hundred Fifty Five Only
6	60.06	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting,propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton.Specification No. KBS 4.6.2 (P-15, I.No-4.32)	Sqm	393.00	Rupees Three Hundred Ninety Three Only
7	196.38	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 (P-15, I.No-4.30)	Sqm	414.00	Rupees Four Hundred Fourteen Only
8	223.71	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P-25, I.No-5.27)	Sqm	1099.00	Rupees One Thousand Ninety Nine Only

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9	22.80	KSRB 6-7.2 : Construction of partition wall 11.2 cms thick with nonmodular table moulded burnt bricks of class designation 50 with cement mortar 1:4 including providing and fixing plaster mesh manufactured outof hot dipped galvanised iron of nominal thickness 0.35 mm. 100 mm. wide as per I.S. 2212/1991 at 7.5 m. c to c including cost of materials,labour charges, scaffolding, curing complete as per specifications. 5.0 newton per sqm (P-28, I.No-6.25)	Sqm	906.00	Rupees Nine Hundred Six Only
10	18.72	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting,propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 (P-16, I.No-4.37)	Sqm	290.00	Rupees Two Hundred Ninety Only
11	20.16	KSRB 4.2.10 : Providing and laying in position reinforced cementconcrete of design mix M20 with OPC cement @ 24kgs, with 12mmand down size graded granite metal coarse aggregates @0.5175cumand fine aggregtes @ 0.345cum, with superplastisiser @0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P-14, I.No-4.19)	Sqm	517.00	Rupees Five Hundred Seventeen Only
12	26.28	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for Stairs (excluding landing)except spiral staircase including cost of all materials, labour completeas per specificaiton.Specification No. KBS 4.6.2	Sqm	505.00	Rupees Five Hundred Five Only
13	8.00	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications. Specification No. KBS 4.6.3 (P-17, I.No-4.46.2)	MT	75358.00	Rupees Seventy Five Thousand Three Hundred Fifty Eight Only
14	184.31	KSRB15-3-13 : Providing 12mm thick cement plaster in single coatwith cement mortar 1:3, to ceiling including rounding off cornerswherever required smooth rendering, : Providing and removingscaffolding, including cost of materials, labour, curing complete as perspecifications.KSRB15-3.14 : – do – cement mortar 1:4	Sqm	190.00	Rupees One Hundred Ninety Only

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15	193.24	KSRB 15.3.2 Providing 12mm thick cement plaster in single coatwith cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removingscaffolding, including cost of materials, labour, curing complete as perspecifications. KSRB15-3.2 : – do – cement mortar 1:4 (P-109, I.No-15.10)	Sqm	175.00	Rupees One Hundred Seventy Five Only
16	374.22	KSRB15-3.7 : Providing 18mm thick cement plaster in single coatwith cement mortar 1:3, to brick masonry including rounding off cornerswherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications KSRB15-3.11 : – do – cement mortar 1:4(P-109, I.No-15.15)	Sqm	208.00	Rupees Two Hundred Eight Only
17	21.84	KSRB15-3.4 : Providing 15mm thick cement plaster in single coatwith cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removingscaffolding, including cost of materials, labour, curing complete as perspecifications. KSRB15-3.5 : – do – cement mortar 1:4 (P-109, I.No-15.12)	Sqm	221.00	Rupees Two Hundred Twenty One Only
18	57.60	KSRB 4-2.12 : Extra for providing throating or drip moulding to R.C.C.chajja with plastering (labour charges only) as per specifications.Specification No. KBS (P-14, I.No-4.21)	mtr	19.00	Rupees Nineteen Only
19	170.87	Providing vitrified tiles 60 x 60cms of approved make, shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing complete as per specification. (P-104, I.No-14.45)	Sqm	1196.00	Rupees One Thousand One Hundred Ninety Six Only
20	17.77	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colourglazed tiles on 10mm thickcement plaster 1:3 and jointed with whitecement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) usingglazed tiles of approved make and size including cost of materials,labour, complete as per specifications. Colour glazed tiles 30x45 cms 6mm thick with border of size 30 x 10 cms. (P-103, I.No-14.41.1)	Sqm	1097.00	Rupees One Thousand Ninety Seven Only

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21	3.60	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mmthick, cement mortar 1:3 mix, flush pointing with white cement usingcolour pigment , including cost of materials, labour, curing, completeas per specifications. Specification No. KBS do_ for Ceramic Tiles of size 30x30cms (P-103, I.No-14.36.2)	Sqm	1098.00	Rupees One Thousand Ninety Eight Only
22	11.48	Providing and fixing 20mm thick gang saw water cut sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing. (P.No-106 ,I No-14.61.1)	Sqm	2125.00	Rupees Two Thousand One Hundred Twenty Five Only
23	87.24	KSRB 4.2.10 : Providing and laying in position reinforced cementconcrete of design mix M20 with OPC cement @ 24kgs, with 12mmand down size graded granite metal coarse aggregates @ 0.5175 cumand fine aggregtes @ 0.345cum, with superplastisiser @0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P-14, I.No-4.19)	Sqm	580.00	Rupees Five Hundred Eighty Only
24	33.66	KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM of machinery complete as per specifications.	Sqm	3530.00	Rupees Three Thousand Five Hundred Thirty Only

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25	7.56	KSRB 7.3 : Providing and fixing 1mm thick M.S. sheet garage door with frame and diagonal braces of size 40x40x6 mm angle Iron, 3.15mm thick M.S. Gusset plates at the junctions and corners, with handles, stoppers and locking arrangements etc., including applying a priming coat of red lead paint cost of materials, labour, HOM of machinery complete as per specifications.	Sqm	3100.00	Rupees Three Thousand One Hundred Only
26	9.15	Providing and fixing M.S. Hand railing for Bolcony/Staircase with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.(P-42, I.No-4.35)	Sqm	3046.00	Rupees Three Thousand Forty Six Only
27	193.24	KSRB 15.10.1 Providing white washing to new wall surface in twocoats with lime of approved quality, to give an even shade includingcost of materials, labour, complete as per specifications. (P-111, I.No-15.38)	Sqm	9.00	Rupees Nine Only
28	377.55	KSRB 15-14.1 : Providing and applying two coats with oil boundwashable distemper of approved brand and shade on wall surfaceincluding priming coat with distemper primer after throughlybrooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth,cost of materials, labour, complete as per specifications. (P-113, I.No-15.49)	Sqm	72.00	Rupees Seventy Two Only
29	374.22	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to givean even shade after throughly brooming the surface to remove all dirtand loose powdered material, free from mortar drops and other foreignmatter cost of materials, labour, complete as per specifications.(P-114, I.No-15.53.1)	Sqm	80.00	Rupees Eighty Only

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30	3.00	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No-74 ,I No-12.5)	Each	5752.00	Rupees Five Thousand Seven Hundred Fifty Two Only
31	3.00	KSRB 11-11.4 : Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No-78 ,I No-12.26)	Each	3121.00	Rupees Three Thousand One Hundred Twenty One Only
32	3.00	KSRB 11-15.4 : Providing and fixing 450x350mm dia oval shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.(P.No-79 ,I No-12.42)	Each	1021.00	Rupees One Thousand Twenty One Only
33	6.00	KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(P.No-88,I No-13.26)	Each	186.00	Rupees One Hundred Eighty Six Only
34	6.00	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(P.No-88,I No-13.23)	Each	253.00	Rupees Two Hundred Fifty Three Only
35	6.00	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.(P.No-92,I No-12.111)	Each	186.00	Rupees One Hundred Eighty Six Only
36	6.00	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).(P.No-85,I No-12.113.2)	Each	332.00	Rupees Three Hundred Thirty Two Only

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37	2.00	KSRB13-6.4-3 : Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(P.No-85,I No-12.113.2)	Each	693.00	Rupees Six Hundred Ninety Three Only
38	2.00	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity).(P.No-91,I No-13.78)	Each	9735.00	Rupees Nine Thousand Seven Hundred Thirty Five Only
39	39.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.)(P.No-93,I No-13.86.3)	mtr	580.00	Rupees Five Hundred Eighty Only
40	34.00	KSRB 8.6-5 : Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 110 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications.(P.No-47,I No-8.17)	mtr	533.00	Rupees Five Hundred Thirty Three Only
41	10.00	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.(P.No-70,I No-11.50)	Each	7260.00	Rupees Seven Thousand Two Hundred Sixty Only

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